

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP No.: PDP-QC-13 Blueberries		Page 1 of 7
Title: Commodity Specific Requirements for Blueberries		
Revision: Original	Replaces: N/A	Effective: 01/01/07

1. Purpose:

To provide a listing of PDP identified required compounds for blueberries.

2. Scope:

This standard operating procedure (SOP) shall be followed by all laboratories analyzing blueberries for PDP. This SOP shall be used in conjunction with QC-13 which specifies procedures for selecting marker compounds and process controls and identifies PDP commodity groupings.

3. References:

- PDP Program Plan January through June 2007
- SOP PDP-QC-13, “Required Compounds, Marker Pesticides, Process Control Compounds, and PDP Commodity Groupings”
- Pesticide Chemical News Guide

4. Specific Procedures:

This SOP represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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Compounds Required for Blueberry Multi Residue Screens

Blueberry Compound	Reported As	Pest Code	Priority
1-Naphthol ¹		382	1
2,4-D ¹		026	2
Acephate		204	1
Aldrin		001	3
Allethrin ¹		002	2
Azinphos methyl		042	1
Azoxystrobin		ACX	2
Bendiocarb		658	1
BHC	BHC alpha and/or	903	3
	BHC beta or	904	
	BHC total	006	
Bifenthrin		930	1
Boscalid		AEO	2
Captan	Captan and/or	174	2
	Tetrahydrophthalimide (THPI)	624	
Carbaryl		102	1
Carbendazim		666	4
Carfentrazone ethyl		B21	4
Chlordane	Chlordane cis and/or	173	3
	Chlordane trans or	172	
	Chlordane total	014	
Chlorothalonil ¹		164	3
Chlorpyrifos		160	1
Clothianidin ¹		AEP	2
Cryolite ¹		040	4
Cyfluthrin		781	1

¹ Required only on samples received by CA1 from Ca and MD. Analysis by NY1 on samples received from CO, FL, MI, NY, OH, TX, WA, and WI is not required.

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Blueberry Compound	Reported As	Pest Code	Priority
Cyhalothrin	Cyhalothrin, lambda and Cyhalothrin, R157836 epimer, or Cyhalothrin, total (L- cyhalothrin+R157836 epimer)	AEM	1
		AEN	
		AEL	
Cypermethrin		597	1
Cyprodinil ¹		B22	3
DDD	DDD o,p' and/or DDD p,p' or DDD (total)	909	3
		908	
		087	
DDE	DDE o,p' and/or DDE p,p' or DDE (total)	911	3
		910	
		300	
DDT	DDT o,p' and/or DDT p,p' or DDT (total)	907	3
		906	
		022	
Deltamethrin (includes parent tralomethrin)		612	1
Diazinon		024	1
Diazinon O-analog		395	1
Dichlobenil		324	3
Dichlorvos (DDVP)		338	1
Dieldrin		028	3
Dimethoate		171	1
Diquat ¹		527	4
EPTC		200	3
Endosulfan I		900	3
Endosulfan II		901	3
Endosulfan sulfate		902	3
Esfenvalerate/Fenvalerate	Fenvalerate+Esfenvalerate	ADE	1
Ethephon ¹		730	4
Fenbuconazole		A30	1
Fenhexamid ¹		B41	3

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Blueberry Compound	Reported As	Pest Code	Priority
Fenpropathrin		808	1
Ferbam ¹		039	4
Fludioxonil		B23	1
Fluridone ¹		736	3
Forchlorfenuron ¹		B32	4
Fosetyl-Al ¹			4
Glufosinate ammonium ¹			4
Glyphosate ¹		653	4
Heptachlor		044	3
Heptachlor expoide		143	3
Hexazinone ¹		633	2
Hydroprene		AEC	3
Imidacloprid		967	2
Iprodione		626	3
Lindane		050	3
Malathion		052	1
Malathion O-analog		208	1
Metalaxyl		607	3
Methamidophos		170	1
Methomyl		159	1
Methyl bromide ¹		056	4
Napropamide		594	3
Norflurazon		596	3
Norflurazon desmethyl		720	3
Omethoate		178	1
Oryzalin ¹		737	3
Paraquat ¹		150	4
Phosmet		165	1
Phosmet O-analog ¹		237	1
Phosphine ¹		286	4
Piperonyl butoxide		070	3
Prallethrin ¹		ADC	1

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Blueberry Compound	Reported As	Pest Code	Priority
Pronamide		540	3
Propetamphos		636	1
Propiconazole		264	1
Pyraclostrobin		AFG	2
Pyrethrins ¹		075	4
Pyriproxyfen		B24	3
Resmethrin		556	1
Sethoxydim ¹		AEV	4
Simazine		149	2
Spinosad ¹	Spinosad A and/or	ABC	3
	Spinosad D or	ABD	
	Spinosad (total)	ABB	
Tebufenozide		ABG	3
Terbacil		152	3
Thiamethoxam		B43	2
Ziram ¹		093	4

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Original

October 2006

Monitoring Programs Office

- Established requirements for blueberries based on established tolerances
 - Included all pyrethroids of interest based on Dietary Assessment Working Group input
 - Removed NY1 testing requirements for 1-naphthol; 2,4-D; allethrin; clothianidin; cryolite; cyprodinil; diquat; ethephon; fenhexamid; ferbam; fluridone; forchlorfenuron; fosetyl-Al; glufosinate ammonium; glyphosate; hexazinone; methyl bromide; oryzalin; paraquat; phosmet oxygen analog; phosphine; prallethrin; pyrethrins; sethoxydim; spinosad; and ziram
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